

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

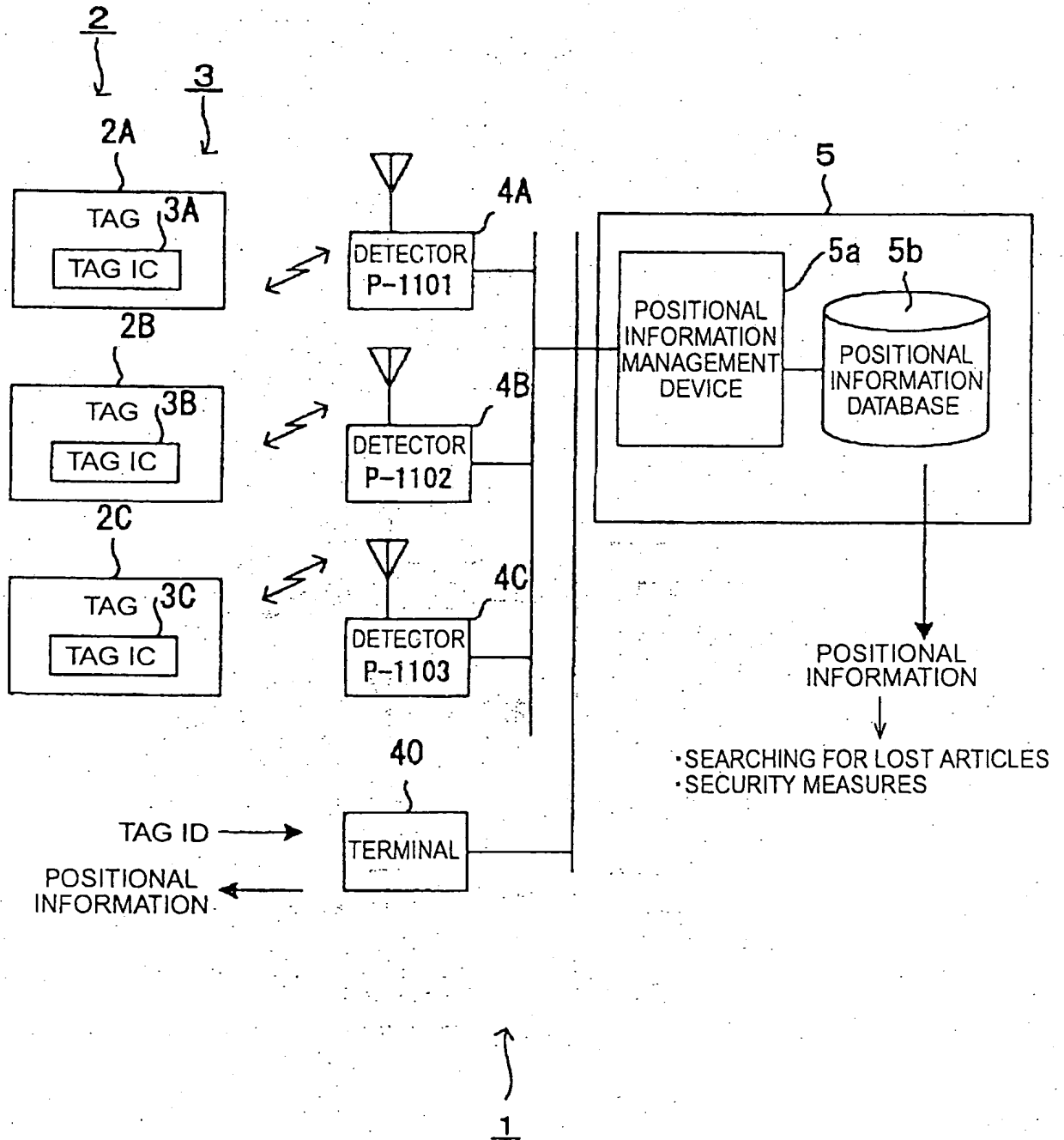
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

FP03-0292-00

1/14

**Fig. 1**



FP03-0292-00

2/14

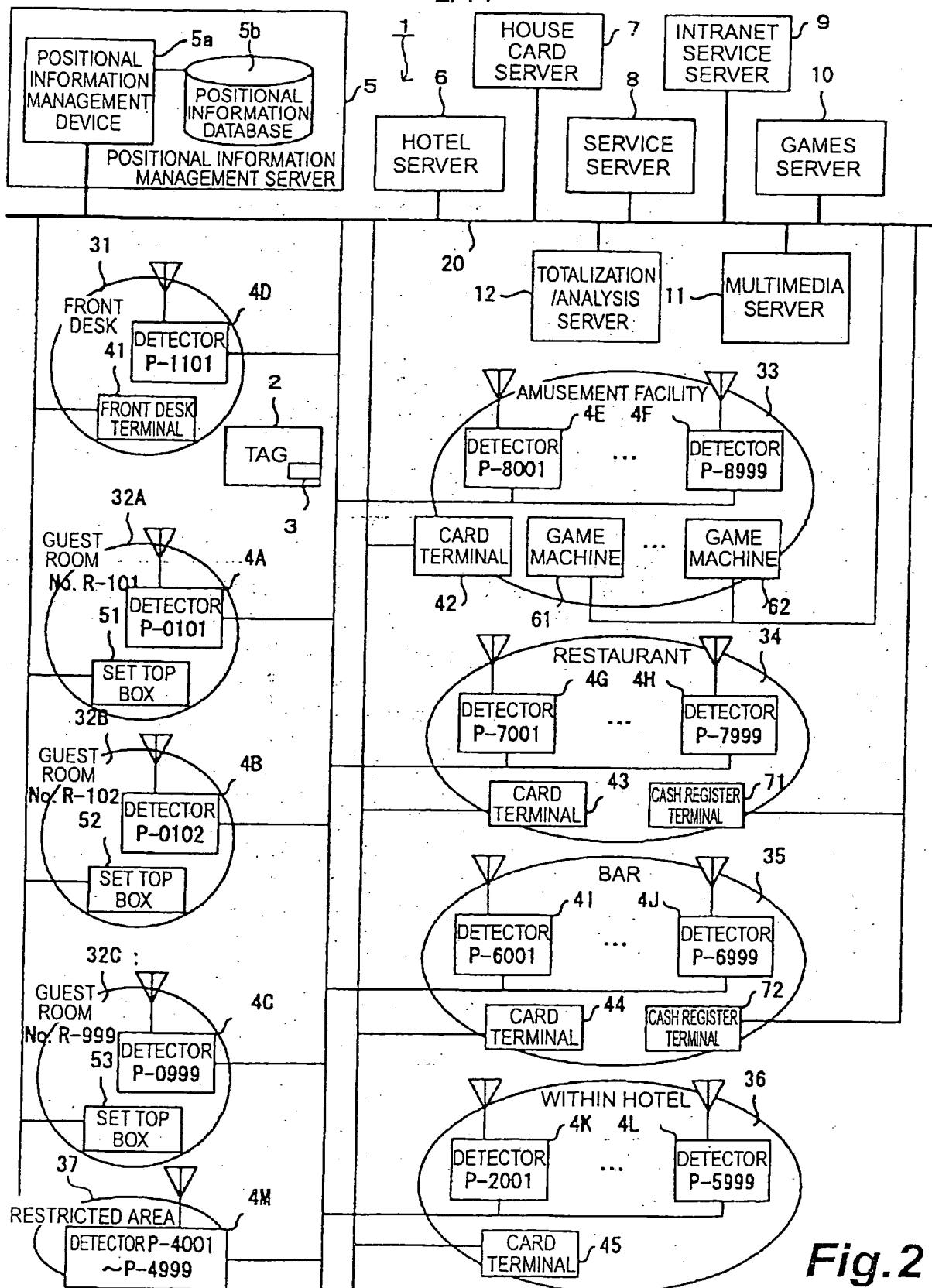


Fig. 2

FP03-0292-00

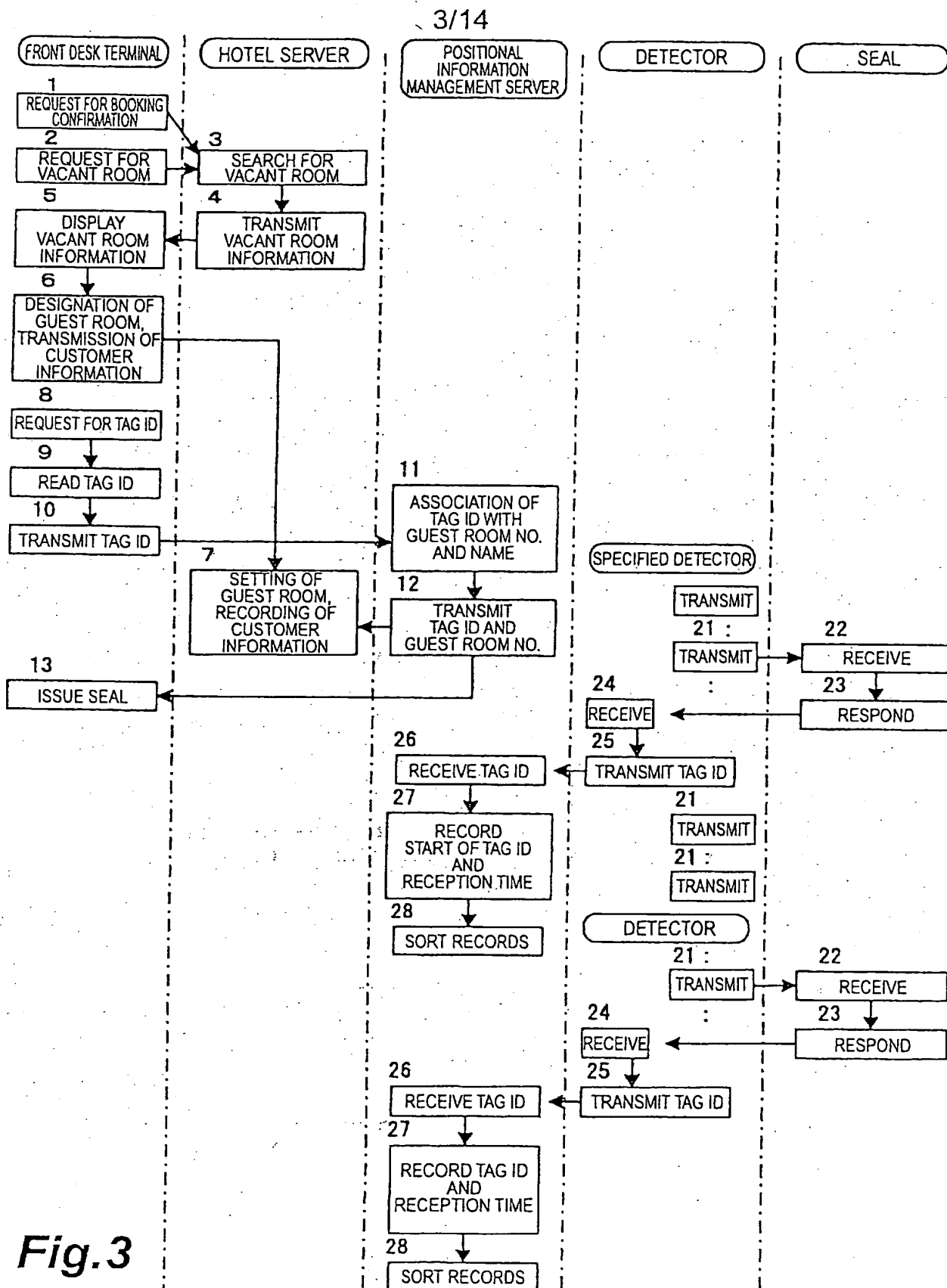


Fig.3

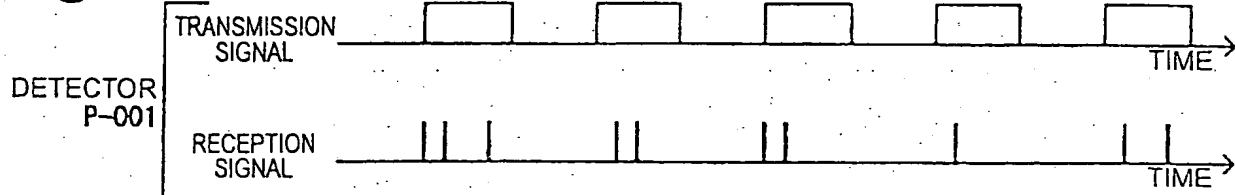
FP03-0292-00

4/14

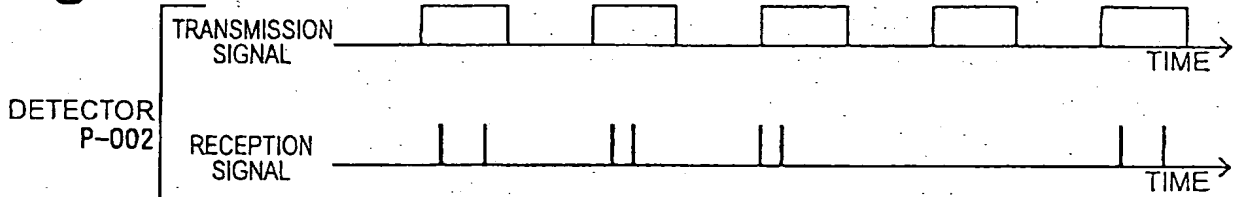
**Fig.4A**



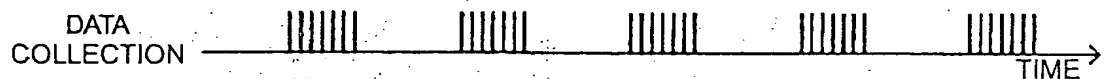
**Fig.4B**



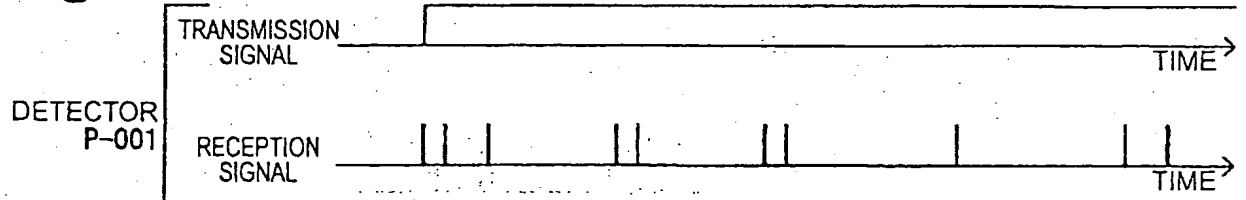
**Fig.4C**



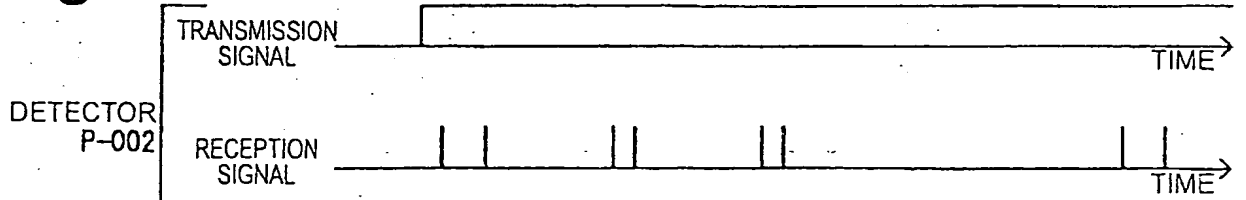
**Fig.4D**



**Fig.4E**



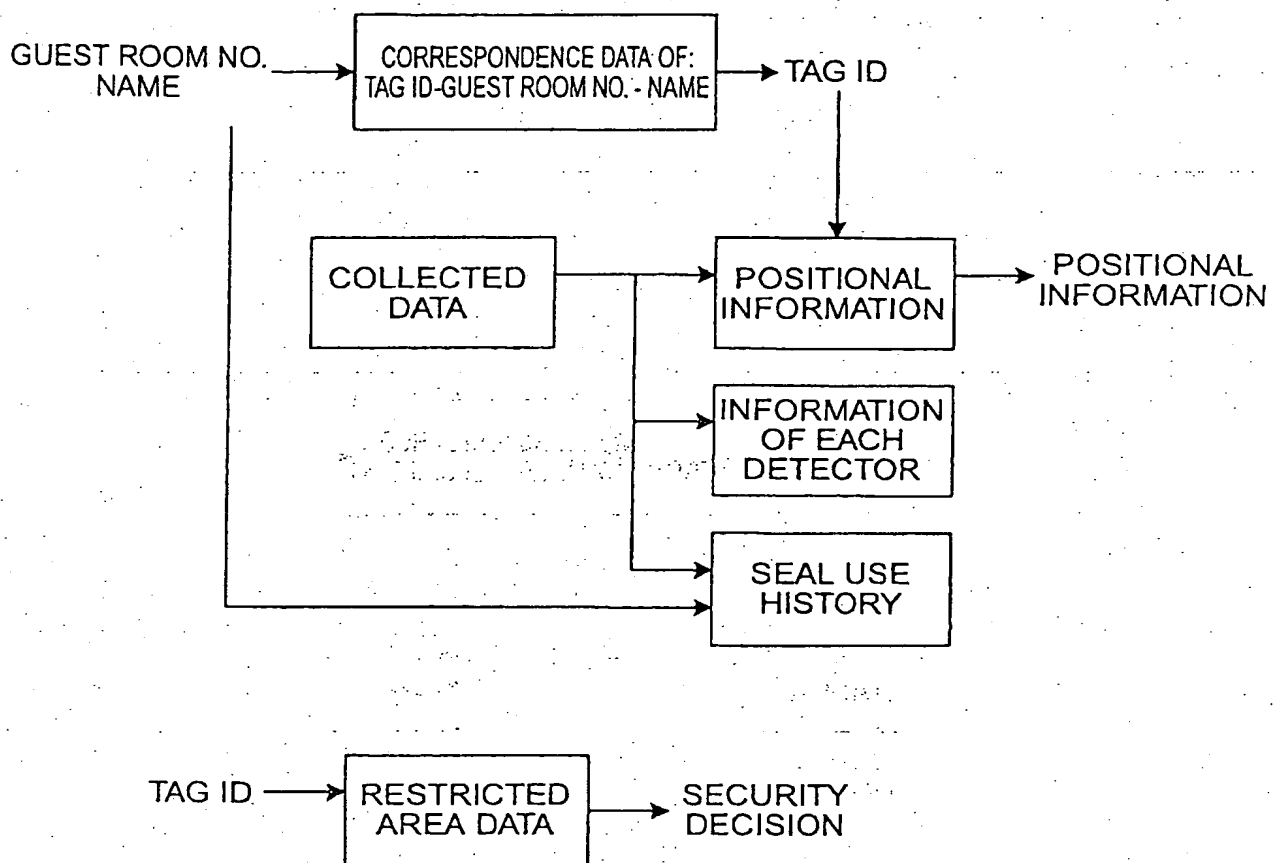
**Fig.4F**



FP03-0292-00

5/14

**Fig.5**



FP03-0292-00

6/14

**Fig.6**

## POSITIONAL INFORMATION (DATA COLLECTION)

DATE	TIME	TAG ID	LOCATION
** MONTH /* DAY	:	:	:
	10:00	T-***9012	P-1002
	10:00	T-***9023	P-1003
	10:00	T-***1001	P-2002
	10:00	T-***1002	P-2002
	10:00	T-***3214	P-3098
	10:01	T-***2003	P-1002
	10:01	T-***2221	P-1002
	10:01	T-***5236	P-1002
	10:01	T-***9012	P-1002
	10:01	T-***9041	P-4023
	:	:	:
	19:35	T-***9036	P-1002
	19:35	T-***9044	P-1002
	19:35	T-***1001	P-3012
	19:35	T-***1002	P-3012
	19:35	T-***6523	P-1003
	19:36	T-***2003	P-5012
	19:36	T-***6002	P-1002
	19:36	T-***7003	P-1002
	:	:	:

FP03-0292-00

7/14

**Fig.7**

CORRESPONDENCE RELATIONSHIP OF:  
 TAG ID-GUEST ROOM NO.-NAME

GUEST ROOM NO.	TAG ID	NAME OF USER
R-101	T-***1001	OO **
	~	
	T-***1010	
	T-***1011	OO *Δ
R-102	~	
	T-***1020	
	-	-
	-	-
R-103	T-***1051	
	~	** O
	T-***1060	
R-104	T-***2001	Δ **
	~	
	T-***2010	
	T-***2011	O× ΔΔ
R-105	~	
	T-***2020	
	C-7777	OO OO
:	:	:



FP03-0292-00

8/14

**Fig.8**

POSITIONAL (MOVEMENT) INFORMATION (BASED ON TAG ID)

TAG ID	DATE	TIME	LOCATION	NOT-PERMITTED FLAG
T-***1001	** MONTH / ** DAY	10:00	P-2002	0
		:	:	:
		19:35	P-3012	0
		:	:	:
T-***1002	** MONTH / ** DAY	10:00	P-2002	0
		:	:	:
		19:35	P-3012	0
		:	:	:
T-***2003	** MONTH / ** DAY	10:01	P-1002	0
		:	:	:
		19:36	P-5012	1
		:	:	:

**Fig.9**

POSITIONAL (MOVEMENT) INFORMATION (BASED ON LOCATION)

LOCATION	DATE	TIME	TAG ID
P-1001	** MONTH / ** DAY	:	:
		10:00	T-***9003
		10:00	T-***9014
		10:00	T-***9005
		10:01	T-***9003
		10:01	T-***9005
		10:02	T-***9003
		10:02	T-***9005
		:	:
P-1002	** MONTH / ** DAY	:	:
		10:00	T-***9102
		10:00	T-***9203
		10:00	T-***9036
		10:01	T-***9102
		10:01	T-***9111
		10:02	T-***9111
		10:02	T-***9036
		:	:

FP03-0292-00

9/14

**Fig.10**

TAG USE HISTORY

TAG ID	GUEST ROOM NO.	USE HISTORY
T-***1001	R-101	**YEAR/**MONTH/**DAY/**HOUR:**MINUTE-**YEAR/**DAY/**HOUR:**MINUTE
T-***1002	R-101	**YEAR/**MONTH/**DAY/**HOUR:**MINUTE-**YEAR/**DAY/**HOUR:**MINUTE
T-***1003	R-101	**YEAR/**MONTH/**DAY/**HOUR:**MINUTE-**YEAR/**DAY/**HOUR:**MINUTE
T-***1234	R-103	**YEAR/**MONTH/**DAY/**HOUR:**MINUTE-**YEAR/**DAY/**HOUR:**MINUTE
:	:	

**Fig.11**CORRESPONDENCE DATA OF:  
TAG ID - RESTRICTED AREA

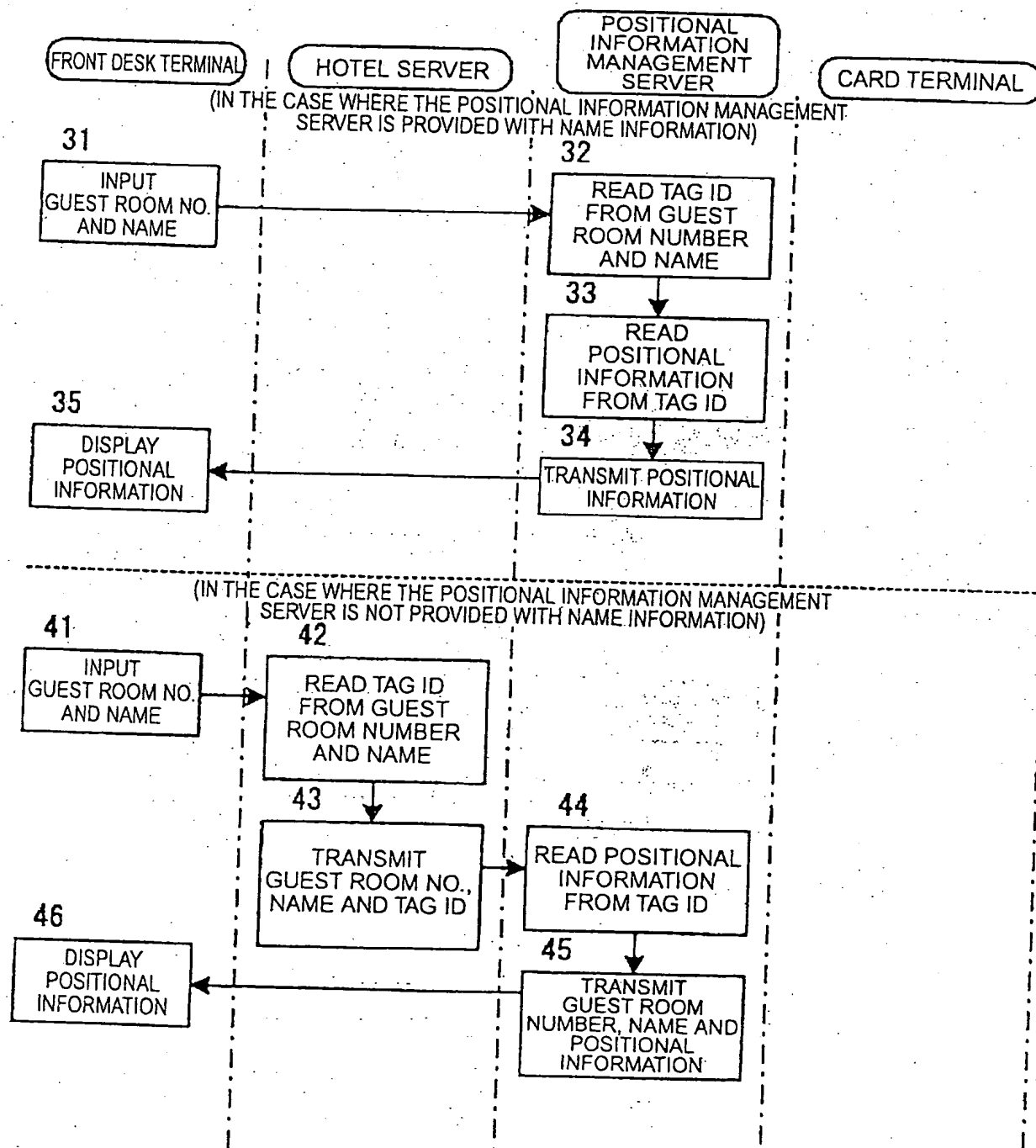
TAG ID	RESTRICTED AREA
T-***001	P4001
~	~
T-***999	P4999
T-A**001	—
~	—
T-A**999	—
:	:

FP03-0292-00

10/14

**Fig. 12**

## SEARCH FOR POSITIONAL INFORMATION



FP03-0292-00

11/14

Fig. 13

## HOTEL SERVER

USER INFORMATION						
DATE	GUEST ROOM NO.	TAG ID	NAME	RESIDENCE	TELEPHONE NUMBER	INFORMATION PROVIDER AUTHENTICATED
** MONTH /* DAY	R-101	T-***1001 ~	* * *	***-****	***-****	O
		T-***1010				
		T-***1011 ~	* * *	***-****	***-****	x
		T-***1020				
	R-102	—	—	—	—	—
	R-103	T-***3251 ~	* * *	***-****	***-****	O
		T-***3260				
	R-104	T-***3441 ~	* * *	***-****	***-****	O
		T-***3450				
		T-***3451 ~	* * *	***-****	***-****	O
		T-***3460				
	:	:	:	:	:	..

FP03-0292-00

12/14

## SEARCH FOR POSITIONAL INFORMATION

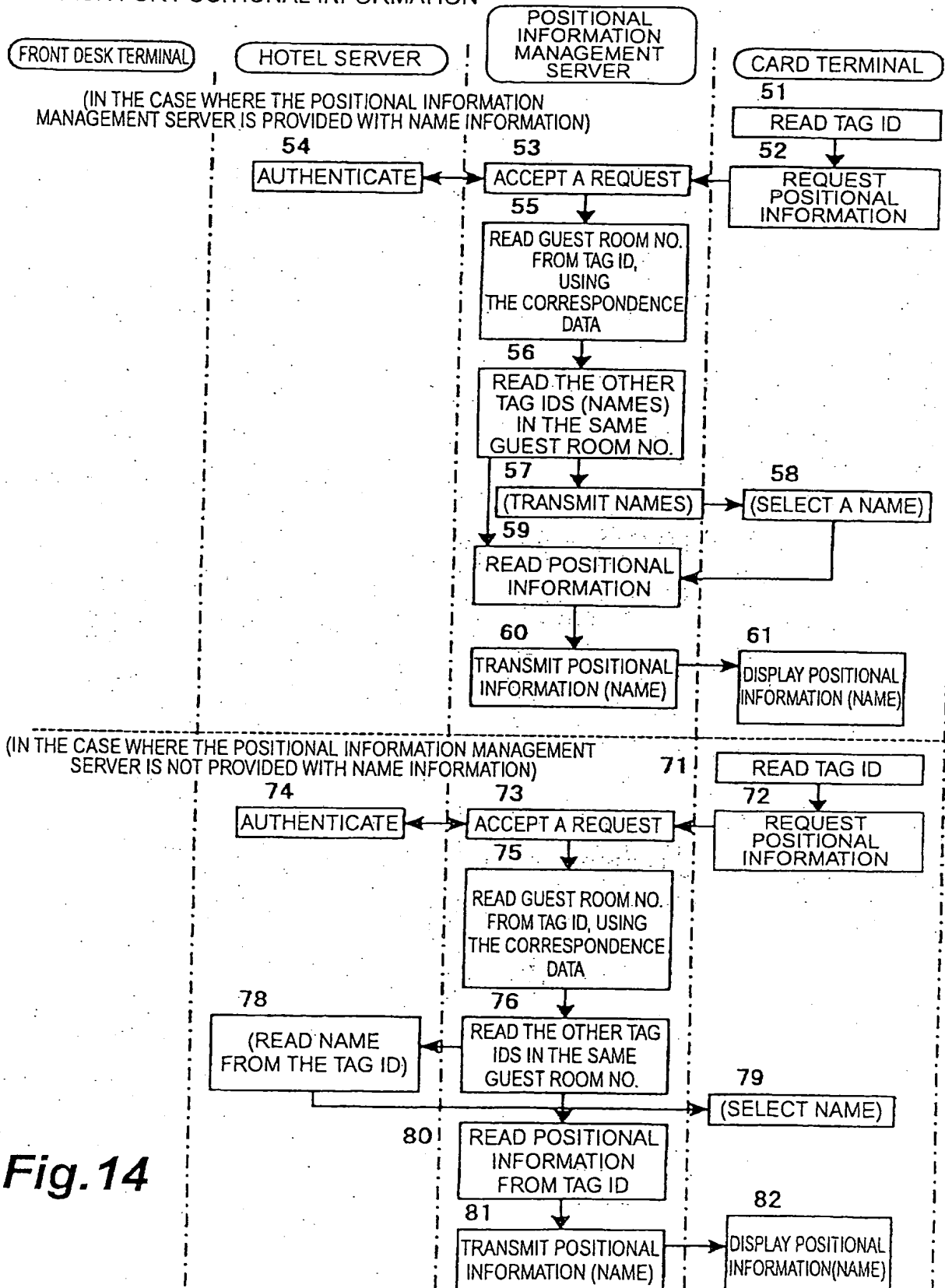
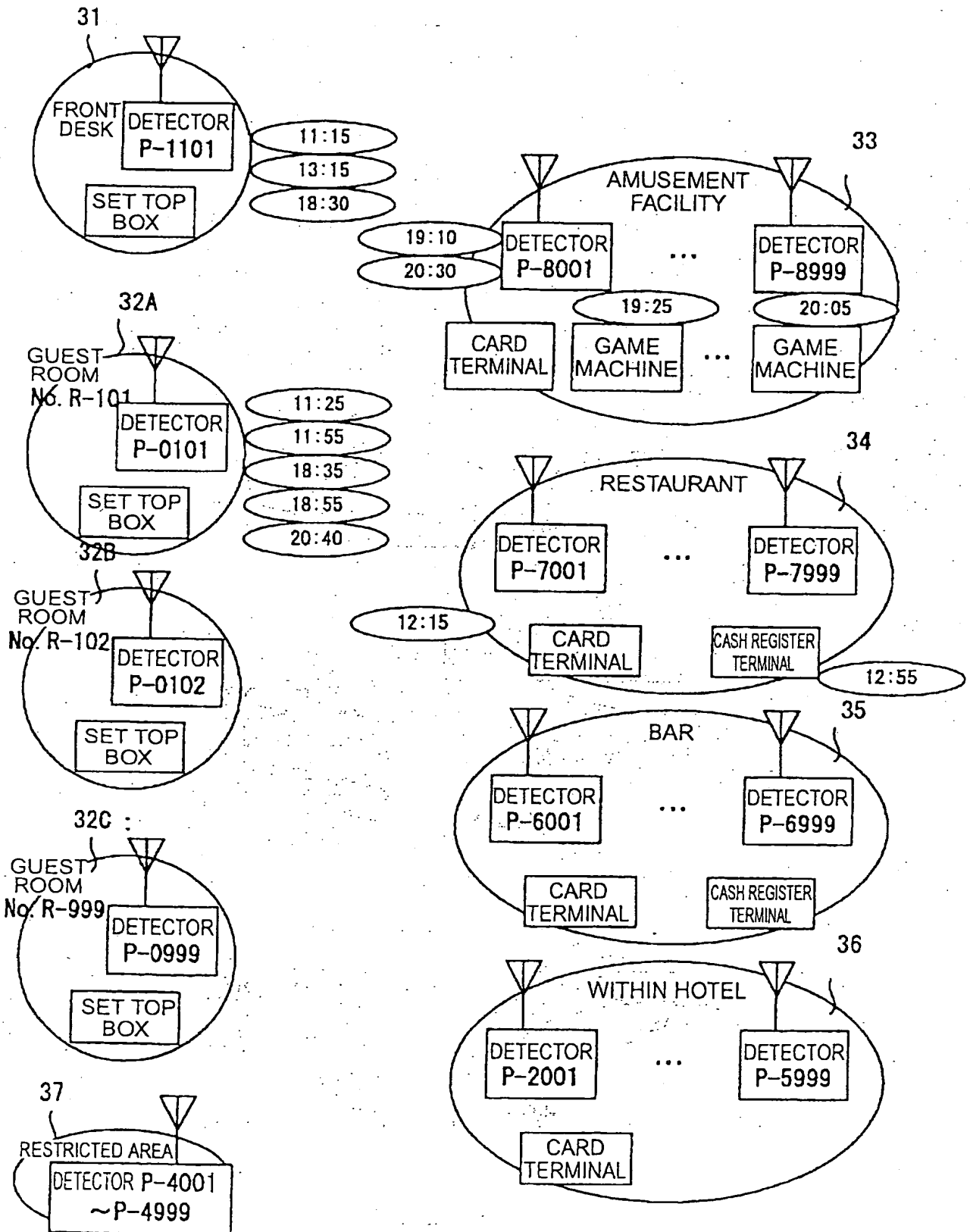


Fig.14

FP03-0292-00

**Fig.15**

13/14



FP03-0292-00

14/14

**Fig.16**

TERMINATION PROCESSING

